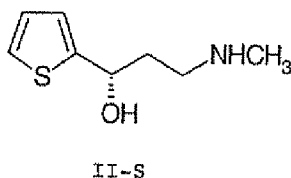


AMENDMENTS TO THE CLAIMS

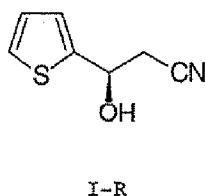
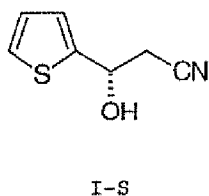
Listing of Claims:

1. (Currently amended) A process for the preparation of enantiomerically pure (S)-3-methylamino-1-(thien-2-yl)propan-1-ol of the formula II-S



comprising the following steps:

- a) ~~reaction of reacting~~ an enantiomer mixture of the alcohols (S)-3-hydroxy-3-thien-2-ylpropio-nitrile and (R)-3-hydroxy-3-thien-2-ylpropio-nitrile of the formulae I-S and I-R



with an acylating agent in the presence of a hydrolase, obtaining a mixture of essentially unacylated alcohol I-S and essentially acylated alcohol I-R ~~being obtained~~;

- b) separation of separating the alcohol I-S from the mixture obtained in step a); and
- c) ~~reaction of reacting~~ the alcohol I-S with hydrogen and methylamine in the presence of a catalyst to give (S)-3-methylamino-1-(thien-2-yl)propan-1-ol II-S.
2. (Currently amended) ~~A~~ The process as claimed in claim 1, where the hydrolase in step a) is selected from among lipases from bacteria of the genera Burkholderia or Pseudomonas.
3. (Currently amended) ~~A~~ The process as claimed in claim 2, where the lipase is a lipase

from Burkholderia plantarii, Burkholderia cepacia, Burkholderia glumae, Pseudomonas aeruginosa, Pseudomonas fluorescens, Pseudomonas fragi, Pseudomonas luteola, Pseudomonas vulgaris, Pseudomonas wisconsinensis, or and Pseudomonas spec. DSM 8246.

4. (Currently amended) A The process as claimed in one of the preceding claims claim 1, wherein the acylating agent being is selected from the vinyl, propenyl or isopropenyl esters of aliphatic monocarboxylic acids having 3 to 12 carbon atoms, and vinyl, propenyl or isopropenyl esters of aliphatic dicarboxylic acids having 3 to 12 carbon atoms, the acid anhydrides of aliphatic monocarboxylic acids having 2 to 12 carbon atoms, and or the acid anhydrides of aliphatic dicarboxylic acids having 4 to 12 carbon atoms.
5. (Currently amended) A The process as claimed in ~~one of the preceding claims~~ claim 1, wherein the reaction in step a) being is carried out in a nonaqueous reaction medium.
6. (Currently amended) A The process as claimed in ~~one of claims 1 to 4~~ claim 1, wherein the reaction in step a) being is carried out in substance.
7. (Currently amended) A The process as claimed in ~~one of the preceding claims~~ claim 1, wherein 1 to 1.5 mol equivalents of the acylating agent, based on the content of alcohol I-R in the enantiomer mixture, being is employed in step a).
8. (Currently amended) A The process as claimed in ~~one of the preceding claims~~ claim 1, wherein the enantiomer mixture employed in step a) being is the racemate of the alcohols I-S and I-R.
9. (Currently amended) A The process as claimed in one of the preceding claims claim 1, in which wherein the enantiomer mixture of the alcohols I-R and I-S employed in step a) is obtained by reaction of thiophene-2-carbaldehyde with acetonitrile in the presence of a base.